

Edward Peake C of E VC Middle School



Medium Term Plan

Subject: Textiles	Unit: Introduction to the sewing machine. Design and Make a Placemat.	Term/Duration: 2 x 10 – 12 week sessions	Year Group 7
Prior Learning: <ul style="list-style-type: none"> ● How to produce design ideas. ● How to work safely in the textiles room. ● How to produce a range of stitches using hand embroidery. ● How to make and use a prototype and pattern. ● How to cut paper and fabric. ● How to join two pieces of material together. ● How to evaluate a completed product. 		Key Vocabulary: <ul style="list-style-type: none"> ● Applique ● Bobbin ● Pinning ● Tacking ● Oversewing ● Pressing ● Seam ● Accuracy ● Production plan 	
By the end of this unit...			
All pupils must be able to: <ul style="list-style-type: none"> ● Thread the sewing machine and use straight stitch with improving accuracy and quality of finish. ● They will have used the correct techniques to prepare their placemat for stitching. ● They will be able to set the machine to do zigzag stitch, and use it to neaten the edge of their placemat. 			
<ul style="list-style-type: none"> ● Some pupils should be able to: thread the sewing machine with help and use straight stitch with improving accuracy. ● They will have used the correct techniques to assemble their placemat with help. ● They will be able to set the sewing machine to the correct settings with help and may use oversewing to neaten their placemat opening. 			
<ul style="list-style-type: none"> ● Some pupils could be able to: thread the sewing machine independently and use straight stitch with some precision. ● They will be able to use the appropriate equipment and techniques to prepare and assemble their placemat prior to stitching. ● They will be confident at choosing the correct machine settings, evaluating the quality of work in progress and modifying as necessary. ● They may choose to use the quilting technique as a further way of enhancing work. 			

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Notes

Visit: William Morris Gallery including workshop.

	Learning Objectives	Content	Assessment	Resources /Health and Safety	ICT Opportunities
1	<p>To be able to identify hazards in the Textiles room and take precautions to avoid accidents or damage equipment.</p> <p>To be able to identify the various parts of the sewing machine and explain their use.</p> <p>To be able to safely use and control the sewing machine.</p>	<p>Starter In pairs, identify the risks in the 'Textiles room in action' picture and what should be done to avoid such dangers.</p> <p>Feedback as a class (place a copy of the picture on the board and pupils take turns circling and explaining hazards.)</p> <p>Main Activities Hand out folders. Pupils to add full name and group number. Remind pupils to file securely at the back of folders.</p> <p>Hand out diagrams of sewing machines. Discuss the pros and cons of using a machine rather than hand sewing. Using a machine to demonstrate, go through the names and functions of different parts of the machine. Using the list of parts displayed on the PPT pupils to identify and label on diagram.</p> <p>Demonstrate how to complete the sewing machine practice worksheet. Pupils complete each exercise in turn. These exercises are completed without thread in the machine. Technician to monitor and give assistance as required.</p> <p>Those not on the machine to create a list/poster of safety rules for the textiles room, including at least 6 rules. Monitor and give assistance as required.</p>	<p>Assessment: Use of the sewing machine-</p> <p>I can make a simple product using tools safely and with some accuracy.</p> <p>AFL Questioning. Paired discussion. Feedback</p>	<p>Resources: Folders. Spot the Hazards sheet. Diagram of sewing machine. Sewing machine practice sheets. Plain and lined paper. Sewing machines.</p> <p>Health and Safety- Setting up of Sewing Machines(2.015) Use of Sewing Machines. – refer to risk assessments in H/S documentation</p>	

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		<p>Extension: Pupils to list pros and cons of using a sewing machine plus safety rules specific to sewing machines.</p> <p>Select sewing machine monitors. Technician to demonstrate the setting up and packing away of the sewing machine in a safe manner.</p> <p>Plenary: Random questioning of topics covered today. Discussion of any problems pupils have encountered when using the machine.</p>			
2	<p>To be able to name the parts of the sewing machine.</p> <p>To be able to operate the sewing machine safely and accurately.</p> <p>To be able to select appropriate fabrics and begin initial preparations of placemat prior to machine stitching.</p>	<p>Starter Hand out packs with diagrams of sewing machines and labels. Ask pupils to match the labels to the correct machine part.</p> <p>What problems did they find last week completing the straight, L shape, wiggly line?</p> <p>Main Activities Monitors to set up machines with support from technician.</p> <p>Demonstration – using the machines, correct settings for straight stitch, safe positioning of hands, gentle pressure on foot control to allow controlled speed. Creation of an ‘envelope’ practice piece. Pupils to follow instructions (diagram) on sheet.</p> <ol style="list-style-type: none"> The technician to take pupils in groups of 4 to complete an envelope practice piece. When practice piece is complete, staple to sheet, evaluate success and file in back of folder. Monitor and give assistance as required. 	<p>Assessment Use of the sewing machine.</p> <p>I can make a simple product using tools safely and with some accuracy.</p> <p>I can make a simple product with improving accuracy.</p> <p>AFL Questioning during demonstration. Thumbs up during Plenary</p>	<p>Resources Folders. Sewing machines Equipment trays Envelope material. Envelope practice sheets. Placemat fabric. Production plans.</p> <p>Health and Safety Setting up of Sewing Machines(2.015) Use of Sewing Machines. – refer to risk assessments in H/S documentation</p>	

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		<p>2. Pupils to finish safety rules/posters from last week.</p> <p>Demonstration - how to select and prepare fabric for basic placemat. Hand out Production Plan sheets. Pupils to refer to the steps on the sheet as they are shown how to arrange, pin and tack the three pieces of fabric. Explain the need to tack fabric prior to machine stitching.</p> <p>1. Pupils to choose their basic placemat fabric and use their Production Plan sheets to prepare the fabric for machine stitching. Monitor and give assistance as required.</p> <p>Monitors to pack away machines with support from technician.</p> <p>Pupils to add name labels to their fabric prior to collecting it in.</p> <p>Plenary Discuss problems faced and how to overcome difficulties. Thumbs up self-assessment of accuracy in machining. Do you think you have improved this lesson? How/why?</p>	Self- assessment		
3	<p>To be able to operate the sewing machine safely and accurately.</p> <p>To be able to select appropriate fabrics and begin initial preparations of</p>	<p>Starter Monitors to set up sewing machines. Select folder and equipment monitors.</p> <p>Main Activities Discuss problems encountered last lesson and methods of correcting. Remaining pupils to complete envelope practice pieces.</p>	<p>Assessment Use of sewing machine. Use of small equipment- I use tools and equipment with some accuracy. (</p>	<p>Resources Folders. Sewing machines Equipment trays Envelope material. Envelope practice sheets. Placemat fabric. Production plans.</p>	

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	<p>placemat prior to machine stitching.</p>	<p>Remind pupils to follow their production plans for next steps.</p> <p>Demonstrate marking a stitch line, 1.5cm from the edge of the fabric.</p> <p>Remind pupils to leave a 6cm gap so that they can turn their placemats inside out.</p> <p>Explain the need to stitch forward and reverse 1cm at the start and finish, to prevent stitches from unravelling.</p> <p>Pupils to continue preparation of basic placemats.</p> <p>Monitor and give assistance as required.</p> <p>Machine, folder and equipment monitors to pack away.</p> <p>Plenary Discuss any problems faced/overcome this lesson.</p>	<p>Working towards ARE)</p> <p>I work with a variety of materials and components with some accuracy paying attention to quality of finish.</p> <p>I work with a range of tools, materials and equipment with some precision.</p> <p>AFL Demonstrations with questioning. Success Criteria achieved.</p>	<p>Health and Safety Care with setting up and operating sewing machines. Refer to Risk Assessment 2.015 – setting up and operating sewing machines in H/S documentation.</p> <p>Scissors, pins and needles – care with sharp equipment. Refer to Risk Assessment 2.017 sewing equipment – small items.</p>	
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<p>4</p>	<p>To be able to operate the sewing machine safely and accurately.</p> <p>To be able to safely use the iron to press fabric.</p> <p>To be able to safely and accurately use the appropriate resources to create a basic placemat.</p>	<p>Starter Monitors set up sewing machines. Folder and equipment monitors to set out resources.</p> <p>Check progress from previous lesson. Discuss 'top tips' for success.</p> <p>Discuss iron safety with pupils. Demonstrate trimming the corners of a placemat and turning through the right way, ensuring all corners are neatly pushed out. Demonstrate safely ironing the fabric.</p> <p>Re-cap marking a stitch line, 1.5cm from the edge of the fabric. Remind pupils to leave a 6cm gap so that they can turn their placemats inside out.</p> <p>Demonstrate setting the machine for zig-zag stitch. Explain that pupils can either add a zig-zag border to their placemat or use oversewing to close the gap.</p> <p>Main Activities Pupils continue to use their production plans to assist with the process for completion of a basic placemat. Monitor and assist as required.</p> <p>Monitors to pack equipment away. Pupils to complete (tick) production plan.</p> <p>Plenary Discuss any problems faced/overcome this lesson. Use random questioning to recap key vocabulary, equipment and safety rules.</p>	<p>Assessment Accuracy of sewing machine practice / Envelope practice Accuracy of tacking stitches.</p> <p>I use tools and equipment with some accuracy.</p> <p>I select and work with a range of tools with improving accuracy.</p> <p>I work with a range of tools, materials, equipment components and processes with some precision.</p> <p>AFL Written and oral feedback on success of envelope practice.</p> <p>Teacher Assessment</p>	<p>Resources Folders. Sewing machines Equipment trays</p> <p>Health and Safety Care with setting up and operating sewing machine.</p> <p>Refer to Risk Assessment 2.015 – setting up and operating sewing machines in H/S documentation. Scissors, pins and needles – care with sharp equipment. Refer to Risk Assessment 2.017 sewing equipment – small items.</p>	
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5	To be able to research a range of design ideas and use them to inform and inspire your own work.	<p>Starter Think pair share - where (categories) could pupils look for design inspiration? (i.e. logos, food, games, animals) Choose two pupils to collect chrome books.</p> <p>Introduce the design brief to pupils. Explain the term 'applique' and show examples of how this can be used to embellish a placemat.</p> <p>Discuss the need to research ideas prior to design work.</p> <p>Main Activities Pupils must use the Chromebooks to collect at least 6 images and arrange them on a mood board using Google Sheets or Google Slides. The images must be annotated to explain why they have been chosen and evaluating the success of the design. Remind pupils that they must share their document with the teacher so that it can be printed out in colour.</p> <p>Plenary Discuss success of research work.</p> <p>NOTE: Print mood boards prior to next lesson.</p>	Teacher assessment - a wide variety of appropriately annotated, strong design ideas.	<p>Resources Folders Chromebooks</p>	<p>Pupils to use Chromebooks to research design ideas and create a mood board of ideas.</p> <p>Less able will need support to choose simple designs.</p> <p>More able will be encouraged to annotate their work, looking at the compilation of designs and how they can be adapted.</p>
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6	To be able to create a range of designs to set criteria.	<p>Starter What is meant by 'Geometric design'?</p> <p>Remind pupils of the design brief and the use of applique for embellishment. Explain the addition of quilting lines to further enhance work (show examples). Remind pupils that you are looking for their ability to create a range of designs that fit a set of criteria.</p> <p>Main Activities Hand out the 3 design sheets and go through the expectation:</p> <ol style="list-style-type: none"> 1. A geometric design 2. From your research work 3. For an intended user or to complement your placemat fabric. <p>Explain that pupils must include at least an idea of the background fabric the design will be on; this can be either the plain or the patterned side.</p> <p>Lay out samples of placemats and ask pupils to pick a few examples for each category. Some may fit into more than one category.</p> <p>Pupils to complete design sheets. Monitor and guide as required.</p> <p>Plenary Pupils to peer assess work (2 stars and a wish)</p>		<p>Resources Folders. 3 design sheets. Pupils mood boards. Placemat material.</p>	
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7	<p>To be able to create an appropriate applique design for your placemat.</p> <p>To be able to safely and accurately use the correct equipment to create a piece of applique practice.</p>	<p>Starter ? Monitors to set up the room.</p> <p>Remind pupils of the design brief and the use of applique for embellishment plus possible addition of quilting lines to further enhance work (show examples on display).</p> <p>Main Activities Pupils to complete a final design for their placemat. The design must be clear, detailed and coloured in. Monitor and support as required.</p> <p>Teacher/technician to review placemat material and call individual pupils to finish basic placemat as necessary</p> <p>Demonstrate, using the display on the wall, how to complete a piece of applique practice. Also direct pupils to the instruction cards on the 'How do I...' display wall. Ask pupils what they can do if their practice goes badly wrong (1. Try again or 2. simplify design). Remind pupils not to make their shapes too small.</p> <p>Pupils to complete a piece of applique practice. Completed practice piece to be attached to a sheet and placed in folder. Pupils to critically assess the success of their practice and either repeat or review design as necessary. Monitor and support as necessary.</p> <p>Plenary Monitors to clear away.</p>	<p>Assessment I work with a range of materials and components with some accuracy.</p> <p>I work with materials and processes with some precision.</p> <p>I check my work as it develops and modify my approach if required.</p> <p>AfL Self assessment</p>	<p>Resources Folders. Final design sheets. Placemat material. Applique practice sheets. Sewing machines. Equipment trays.</p> <p>Health and Safety: Use of scissors, pins and needles- care with sharp equipment. Refer to risk assessment 2.017 sewing equipment-small items. Sewing machine 2.015</p>	
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		Any pupils who have started applique practice to explain what went well and what could be improved upon.			
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<p>8</p> <p>To be able to create an appropriate applique design for your placemat.</p> <p>To be able to safely and accurately use the correct equipment to create a piece of applique practice.</p> <p>To be able to safely and accurately use the correct equipment to add an applique design to your placemat.</p>	<p>Starter:- Pupils to check production plans and have chosen design open to follow. Remind pupils of process to cut out fabric for appliqué practice.</p> <p>Main Activity Pupils to finish final designs. Pupils to complete and evaluate applique practice work. Remind pupils to consider adding quilting lines (any stitch) prior to adding applique shapes. Pupils to begin to cut applique shapes for placemat and pin into place. Remind pupils to make shapes an appropriate size (not too small). Once design is laid out accurately, pupils can cut shapes from applique fabric and begin to pin and tack in place. Remind pupils to cut carefully and accurately and to pin and tack securely. Monitor and support as necessary.</p> <p>Demonstration - how to add an applique shape using zig-zag stitch. Stress correct positioning for neat corners. Pupils to begin to neatly and securely sew applique shapes in place using zig-zag stitch. Monitor and support as necessary.</p>	<p>Assessment I work with a range of materials and components with some accuracy. I work with materials and processes with some precision. I check my work as it develops and modify my approach if required.</p> <p>AfL Self assessment</p>	<p>Resources Folders. Final design sheets. Placemat material. Applique practice sheets. Sewing machines. Equipment trays.</p> <p>Health and Safety: Use of scissors, pins and needles- care with sharp equipment. Refer to risk assessment 2.017 sewing equipment-small items. Sewing machine 2.015</p>	
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		<p>All pupils to complete production plan. Monitors to clear equipment away. All pupils to tidy desks and surrounding area.</p> <p>Plenary Discuss any problems and suggest ways of overcoming these.</p> <p>Extension Work Additional stitching/embroidery stitching</p>			
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9	<p>To be able to safely and accurately use the correct equipment to add an applique design to your placemat.</p>	<p>Starter Share any problems that pupils found last lesson. Check production plans.</p> <p>Starter:- Pupils to have chosen design open to follow. Remind pupils of process to cut out fabric for appliqué practice (display on wall/prompt cards).</p> <p>Main Activity Remind pupils to consider adding quilting lines (any stitch) prior to adding applique shapes.</p> <p>Pupils to begin to cut applique shapes for placemat and pin into place. Remind pupils to make shapes an appropriate size (not too small). Once design is laid out accurately, pupils can cut shapes from applique fabric and begin to pin and tack in place. Remind pupils to cut carefully and accurately and to pin and tack securely. Monitor and support as necessary.</p> <p>Remind pupils how to add an applique shape using zig-zag stitch. Stress correct positioning for neat corners. Pupils to begin to neatly and securely sew applique shapes in place using zig-zag stitch. Monitor and support as necessary.</p>	<p>Assessment I work with a range of materials and components with some accuracy.</p> <p>I work with materials and processes with some precision.</p> <p>I check my work as it develops and modify my approach if required.</p> <p>AfL Self assessment</p>	<p>Resources Folders. Final design sheets. Placemat material. Applique practice sheets. Sewing machines. Equipment trays.</p> <p>Health and Safety: Use of scissors, pins and needles- care with sharp equipment. Refer to risk assessment 2.017 sewing equipment-small items. Sewing machine 2.015</p>	
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	<p>All pupils to complete production plan. Monitors to clear equipment away. All pupils to tidy desks and surrounding area.</p> <p>Plenary Discuss any problems and suggest ways of overcoming these.</p> <p>Extension Work Additional stitching/embroidery stitching. Additional detail to applique work. Pupils to complete a coaster (smaller version of placemat), using the production plan to guide them and aiming to work more accurately and independently.</p>			
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<p>10 - 11</p> <p>15</p>	<p>To be able to safely and accurately use the correct equipment to add an applique design to your placemat.</p>	<p>Starter Share any problems that pupils found last lesson. Check production plans.</p> <p>Starter:- Pupils to have chosen design open to follow. Remind pupils of process to cut out fabric for appliqué practice (display on wall/prompt cards).</p> <p>Main Activity Remind pupils to consider adding quilting lines (any stitch) prior to adding applique shapes.</p> <p>Pupils to continue to cut applique shapes for placemat and pin into place. Remind pupils to make shapes an appropriate size (not too small). Once design is laid out accurately, pupils can cut shapes from applique fabric and begin to pin and tack in place. Remind pupils to cut carefully and accurately and to pin and tack securely. Monitor and support as necessary.</p> <p>Remind pupils how to add an applique shape using zig-zag stitch. Stress correct positioning for neat corners. Pupils to continue to neatly and securely sew applique shapes in place using zig-zag stitch. Monitor and support as necessary. Monitors to clear equipment away.</p>	<p>Assessment I work with a range of materials and components with some accuracy.</p> <p>I work with materials and processes with some precision.</p> <p>I check my work as it develops and modify my approach if required.</p> <p>AfL Self assessment</p>	<p>Resources Folders. Final design sheets. Placemat material. Applique practice sheets. Sewing machines. Equipment trays.</p> <p>Health and Safety: Use of scissors, pins and needles- care with sharp equipment. Refer to risk assessment 2.017 sewing equipment-small items. Sewing machine 2.015</p>	
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		<p>All pupils to tidy desks and surrounding area.</p> <p>Plenary Discuss any problems and suggest ways of overcoming these.</p> <p>Extension Work (dependant on time available) Coaster Owl Drawstring bag Bean bag</p>			
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<p>11 - 12</p>	<p>To be able to critically evaluate the success of your project and suggest improvements.</p>	<p>Starter Pupils to assess work and check progress against production plan. Talk through evaluation sheet and discuss how to complete.</p> <p>Main Activity All pupils to complete placemat/coaster decoration. Pupils to complete an evaluation sheet and place in folder. Monitors to put away equipment where necessary.</p> <p>Plenary Ask pupils WWW and EBI.</p> <p>Extension Work (dependant on time available) Coaster Owl Drawstring bag Bean bag</p>	<p>Assessment I work with a range of materials and components with some accuracy. I work with materials and processes with some precision. I check my work as it develops and modify my approach if required.</p> <p>AfL Plenary self assessment</p>	<p>Resources Folders. Placemat material. Sewing machines. Equipment trays.</p> <p>Health and Safety: Use of scissors, pins and needles- care with sharp equipment. Refer to risk assessment 2.017 sewing equipment-small items. Sewing machine 2.015</p>	
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